

Comparisons of Job Characteristics

Focus Occupation: Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders (51-9041)

Associated Occupation: Molders, Shapers, and Casters, Except Metal and Plastic (51-9195)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 78

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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	12.5	11.0	< Expanded education and/or training may be required
Mechanical	6.8	10.2	9.5	0 Current knowledge level may be sufficient
Design	5.2	9.3	2.9	<< Extensive education and/or training may be required
Fine Arts	2.2	5.5	1.0	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	8.9	12.3	>> Skill level is likely more than sufficient
Operation and Control	5.4	8.0	11.2	>> Skill level is likely more than sufficient
Quality Control Analysis	5.9	7.5	8.4	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 84

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Arm-Hand Steadiness	6.8	12.4	10.1	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.4	10.0	<	Some improvement in abilities may be required
Control Precision	6.6	10.9	10.0	0	Current ability level may be sufficient
Finger Dexterity	7.6	10.5	10.2	0	Current ability level may be sufficient
Multilimb Coordination	6.0	9.9	10.0	0	Current ability level may be sufficient
Static Strength	5.0	9.0	9.2	0	Current ability level may be sufficient
Rate Control	3.8	7.0	11.4	>>	Current ability level is likely more than sufficient
Wrist-Finger Speed	3.2	6.4	6.7	0	Current ability level may be sufficient
Dynamic Strength	3.5	6.3	6.2	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 86

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Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Construct molds	81
Examine products or work to verify conformance to specifications	15
Load, unload, or stack containers, materials, or products	37
Measure, weigh, or count products or materials	17
Mix paint, ingredients, or chemicals, according to specifications	35
Monitor production machinery/equipment operation to detect problems	27
Operate glass or stone working equipment/machinery	80
Operate hoist, winch, or hydraulic boom	34
Read specifications	23
Read work order, instructions, formulas, or processing charts	9
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

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Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.